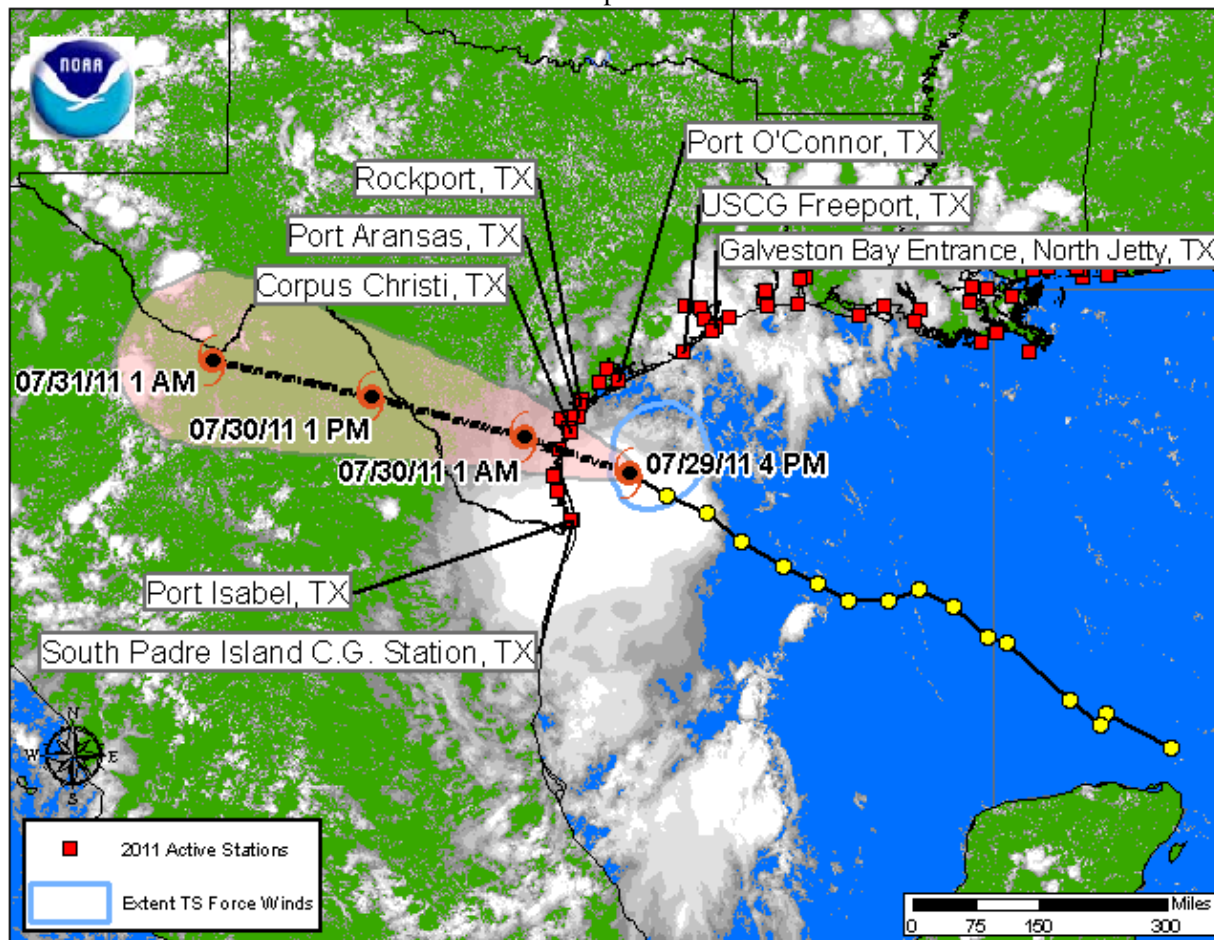




Tropical Storm DON QuickLook
Posted: 17:00 CDT 07/29/2011

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/29/2011 1700 CDT, water levels along the Texas coast from Corpus Christi to Galveston Bay Entrance, North Jetty are rising and generally range between 0.5 and 1.0 feet above predictions. Water levels along the extreme southern Texas coast are slightly elevated and are about 0.5 feet above predicted values. Winds are beginning to increase from Corpus Christi northward and gusting up to 20 kts. Barometric pressure remains steady across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Corpus Christi, TX: Next predicted high tides are 1.60 ft (0.49 m) at 07/30/2011 05:42 CDT and 1.50 ft (0.46 m) at 07/31/2011 05:55 CDT.

Tropical Storm DON QuickLook, POSTED 17:00 CDT 07/29/2011

Port Aransas, TX: Next predicted high tides are 0.83 ft (0.25 m) at 07/30/2011 13:24 CDT and 0.66 ft (0.20 m) at 07/31/2011 06:30 CDT.

Rockport, TX: Next predicted high tides are 0.22 ft (0.07 m) at 07/30/2011 15:03 CDT and 0.19 ft (0.06 m) at 07/31/2011 15:56 CDT.

Port O'Connor, TX: Next predicted high tides are 0.57 ft (0.17 m) at 07/30/2011 11:38 CDT and 0.49 ft (0.15 m) at 07/31/2011 11:27 CDT.

USCG Freeport, TX: Next predicted high tides are 1.79 ft (0.55 m) at 07/30/2011 05:26 CDT and 1.71 ft (0.52 m) at 07/31/2011 05:43 CDT.

Galveston Bay Entrance, North Jetty, TX: Next predicted high tides are 1.72 ft (0.52 m) at 07/30/2011 05:29 CDT and 1.46 ft (0.44 m) at 07/30/2011 14:38 CDT.

South Padre Island, TX: Next predicted high tides are 1.13 ft (0.35 m) at 07/30/2011 07:32 CDT and 1.02 ft (0.31 m) at 07/31/2011 07:08 CDT.

Port Isabel, TX: Next predicted high tides are 1.32 ft (0.40 m) at 07/30/2011 07:08 CDT and 1.22 ft (0.37 m) at 07/31/2011 07:05 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DON ADVISORY NUMBER 9

400 PM CDT FRI JUL 29 2011

...CENTER OF DON APPROACHING THE COAST OF SOUTH TEXAS...RAINBANDS SPREADING
ONSHORE...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* TEXAS COAST FROM THE MOUTH OF THE RIO GRANDE TO MATAGORDA

INTERESTS IN NORTHEASTERN MEXICO SHOULD MONITOR THE PROGRESS OF DON.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING
POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY
YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION
SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS

ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 400 PM CDT...2100 UTC...THE CENTER OF TROPICAL STORM DON WAS LOCATED ABOUT 95 MI SE OF CORPUS CHRISTI TEXAS AND ABOUT 105 MI NE OF BROWNSVILLE TEXAS. DON IS MOVING TOWARD THE WEST-NORTHWEST NEAR 16 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 36 TO 48 HOURS. ON THE FORECAST TRACK...THE CENTER OF DON IS EXPECTED TO MAKE LANDFALL ON THE SOUTHERN TEXAS COAST TONIGHT...AND THEN MOVE ACROSS SOUTHERN TEXAS ON SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS POSSIBLE BEFORE LANDFALL...WHILE STEADY WEAKENING IS EXPECTED AFTER LANDFALL. DON IS EXPECTED TO DISSIPATE OVER SOUTHERN TEXAS OR NORTHERN MEXICO BY SUNDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES MAINLY TO THE NORTH AND EAST OF THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1004 MB...29.65 INCHES.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA DURING THE NEXT SEVERAL HOURS.

STORM SURGE...WATER LEVELS WILL RISE BY AS MUCH AS 1 TO 2 FEET ABOVE GROUND LEVEL...MAINLY ALONG THE IMMEDIATE COAST NEAR AND TO THE NORTHEAST OF WHERE THE CENTER MAKES LANDFALL. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE AND DAMAGING WAVES.

RAINFALL...DON IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES FROM SOUTH TEXAS INTO EXTREME NORTHEASTERN MEXICO... WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 6 INCHES.

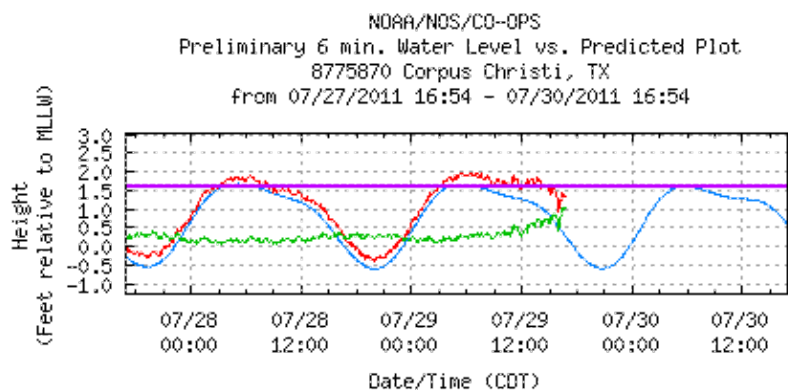
TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF SOUTH TEXAS TONIGHT.

FORECASTER BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Port Aransas - Water Level](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Rockport - Air/Water Temp](#), [Port O'Connor - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [South Padre Island C.G Station - Water Level](#), [South Padre Island C.G Station - Winds](#), [Port Isabel - Winds](#), [Port Isabel - Water Level](#),

Corpus Christi, TX - Return to List



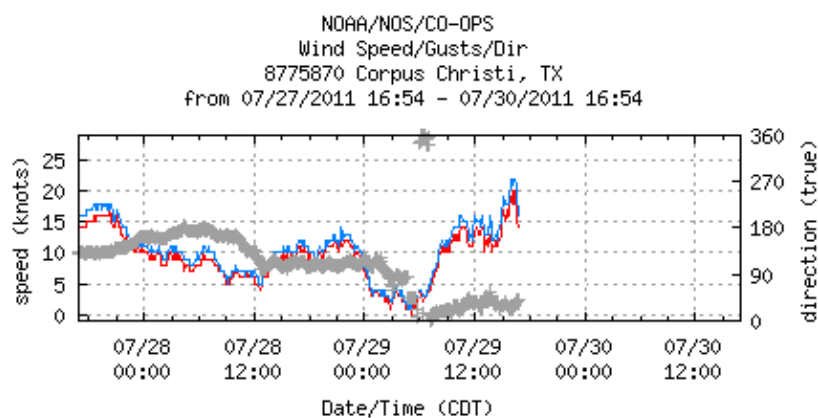
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 16:42 (CDT)

Relative to MLLW: **Observed: 1.33 ft.** **Predicted: 0.28 ft.** **Residual: 1.05 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above MHHW

Corpus Christi, TX - Return to List

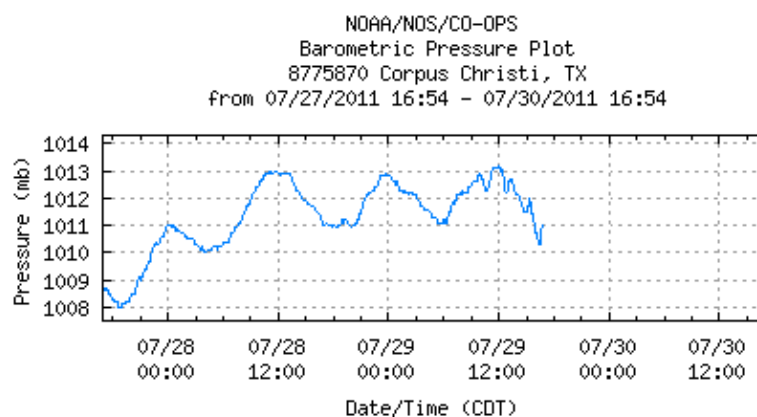


speed — gusts — direction +

Last Observed Sample: 07/29/2011 16:42 (CDT)

Wind Speed: 14 knots **Gusts: 16 knots** **Direction: 40° T**

Corpus Christi, TX - Return to List

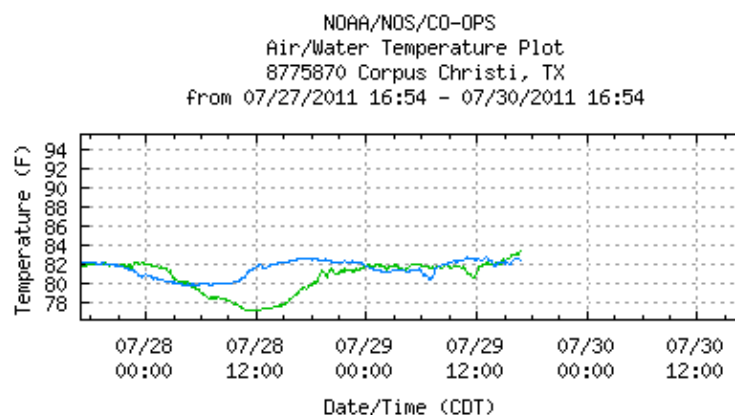


barometric pressure —

Last Observed Sample: 07/29/2011 16:42 (CDT)

Barometric Pressure: 1011.0 mb

Corpus Christi, TX - Return to List

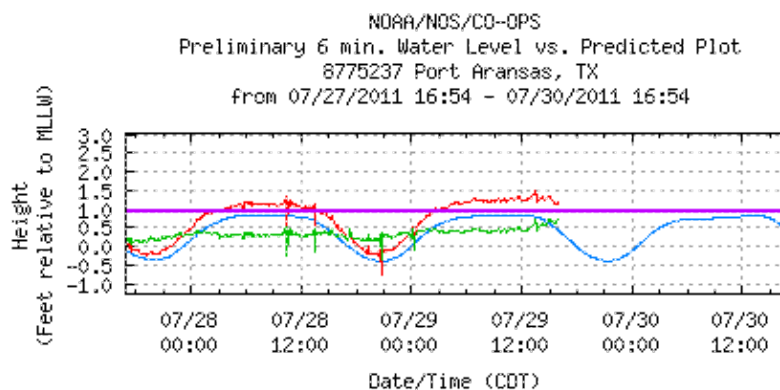


water temp. — air temp —

Last Observed Sample: 07/29/2011 16:42 (CDT)

Water Temperature: 83.3° F Air Temperature: 82.4° F

Port Aransas, TX - Return to List



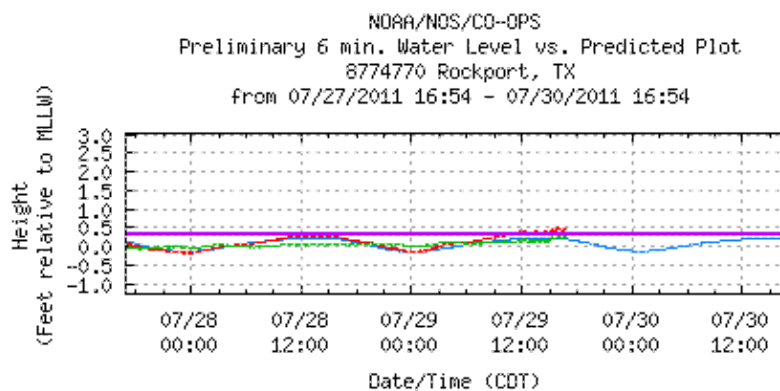
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 16:00 (CDT)

Relative to MLLW: **Observed: 1.16 ft.** **Predicted: 0.42 ft.** **Residual: 0.74 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

Rockport, TX - Return to List



Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

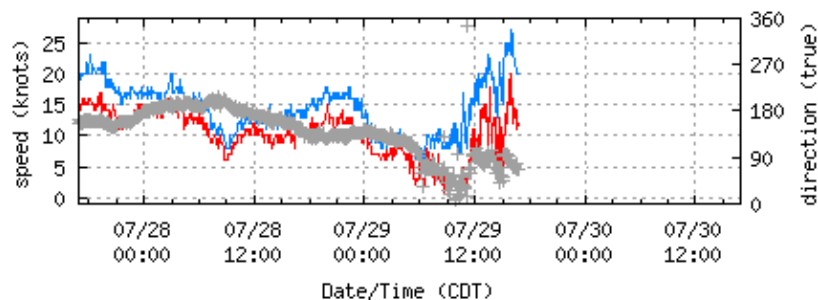
Last Observed Sample: 07/29/2011 16:42 (CDT)

Relative to MLLW: **Observed: 0.45 ft.** **Predicted: 0.20 ft.** **Residual: 0.25 ft.**

Historical Maximum Water Level: Aug 10 1980, 3.73 ft. above MHHW

Rockport, TX - Return to List

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8774770 Rockport, TX
from 07/27/2011 16:54 - 07/30/2011 16:54



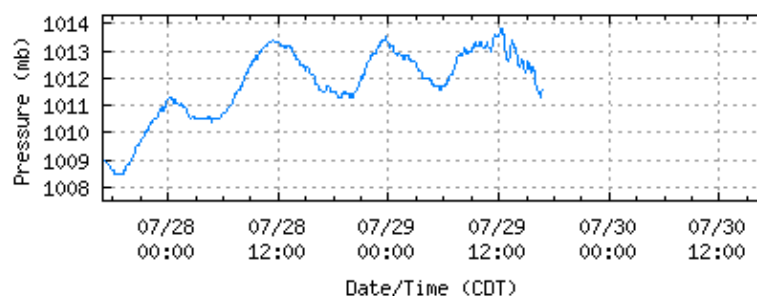
speed — gusts — direction +

Last Observed Sample: 07/29/2011 16:42 (CDT)

Wind Speed: 12 knots Gusts: 20 knots Direction: 66° T

Rockport, TX - Return to List

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8774770 Rockport, TX
from 07/27/2011 16:54 - 07/30/2011 16:54

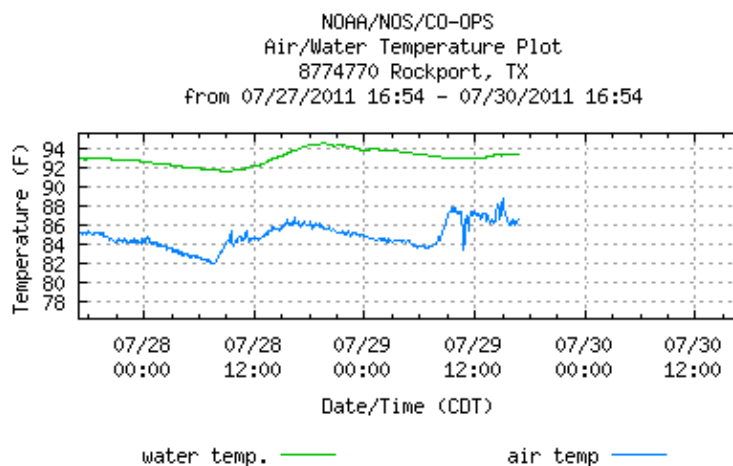


barometric pressure —

Last Observed Sample: 07/29/2011 16:42 (CDT)

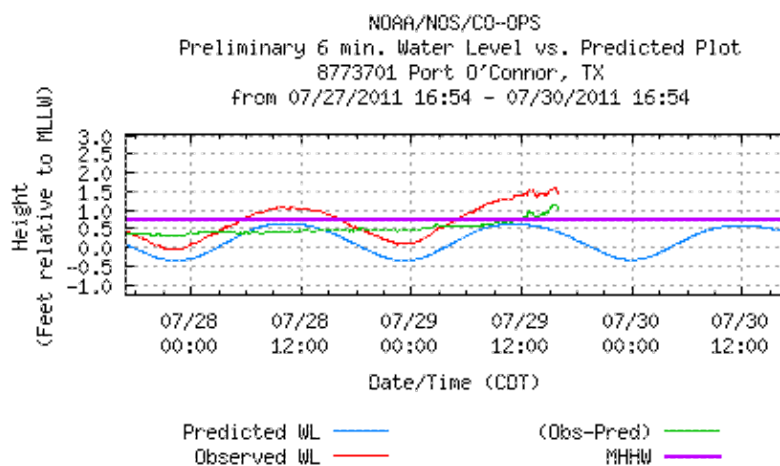
Barometric Pressure: 1011.6 mb

Rockport, TX - Return to List



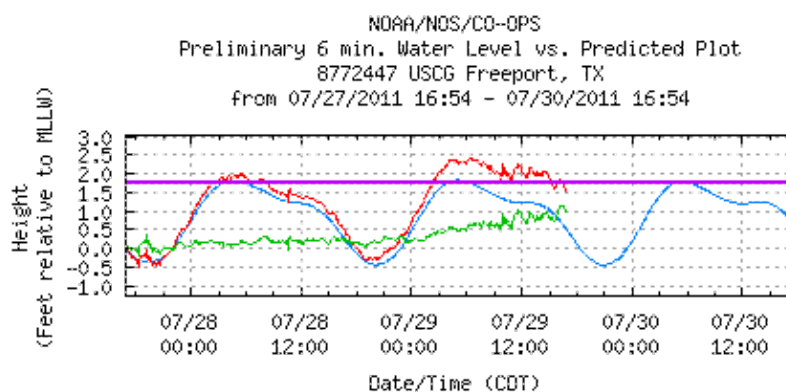
Last Observed Sample: 07/29/2011 16:42 (CDT)
Water Temperature: 93.4° F Air Temperature: 86.5° F

Port O'Connor, TX - Return to List



Last Observed Sample: 07/29/2011 16:00 (CDT)
Relative to MLLW: Observed: 1.45 ft. Predicted: 0.40 ft. Residual: 1.05 ft.
Historical Maximum Water Level: , 0 ft. above MHHW

USCG Freeport, TX - Return to List

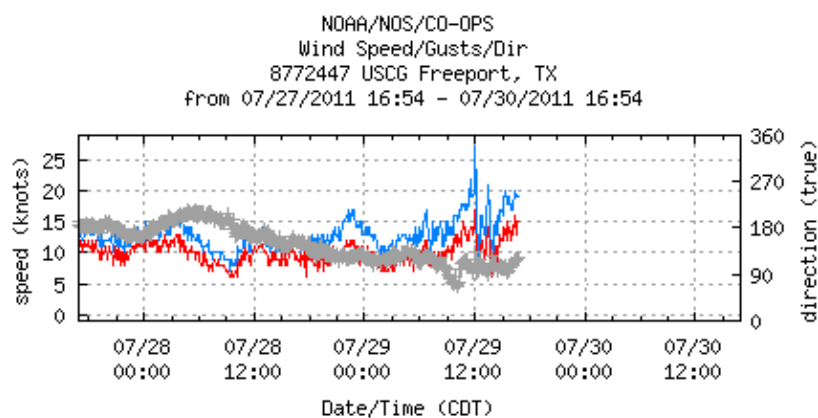


Last Observed Sample: 07/29/2011 16:42 (CDT)

Relative to MLLW: **Observed: 1.55 ft.** **Predicted: 0.55 ft.** **Residual: 1.00 ft.**

Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above MHHW

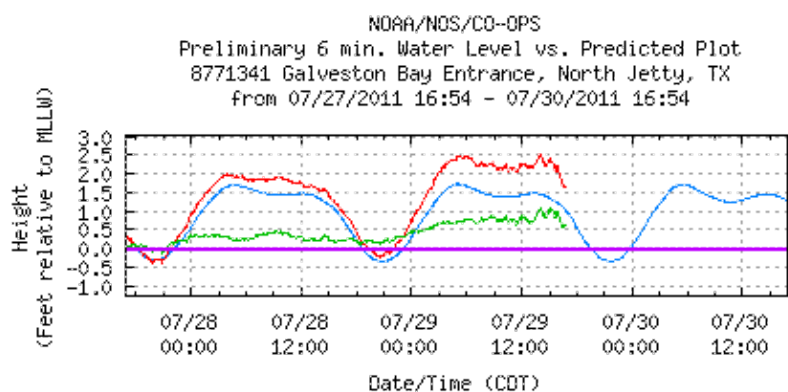
USCG Freeport, TX - Return to List



Last Observed Sample: 07/29/2011 16:42 (CDT)

Wind Speed: 15 knots **Gusts: 19 knots** **Direction: 123° T**

Galveston Bay Entrance, North Jetty, TX - Return to List



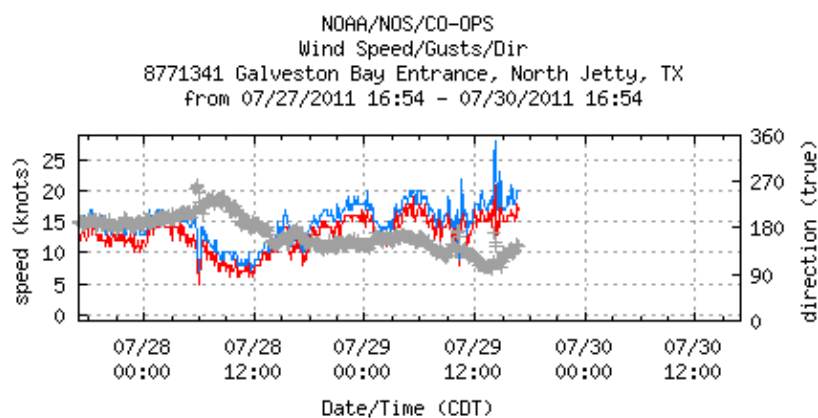
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 16:42 (CDT)

Relative to MLLW: **Observed: 1.64 ft.** **Predicted: 1.03 ft.** **Residual: 0.61 ft.**

Historical Maximum Water Level: Sep 7 2002, 2.65 ft. above MHHW

Galveston Bay Entrance, North Jetty, TX - Return to List

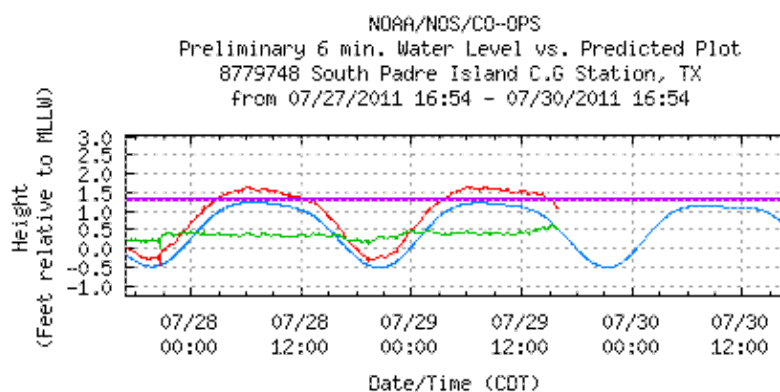


speed — gusts — direction +

Last Observed Sample: 07/29/2011 16:42 (CDT)

Wind Speed: 17 knots **Gusts: 20 knots** **Direction: 145° T**

South Padre Island C.G Station, TX - Return to List



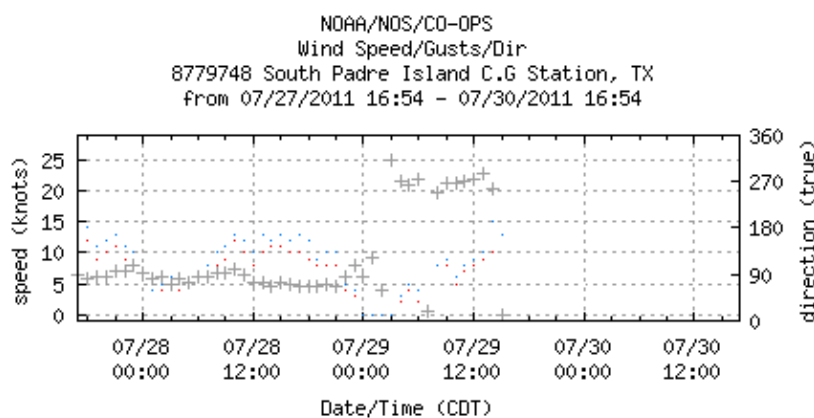
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/29/2011 15:54 (CDT)

Relative to MLLW: **Observed: 1.06 ft.** **Predicted: 0.54 ft.** **Residual: 0.52 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

South Padre Island C.G Station, TX - Return to List



speed — gusts — direction +

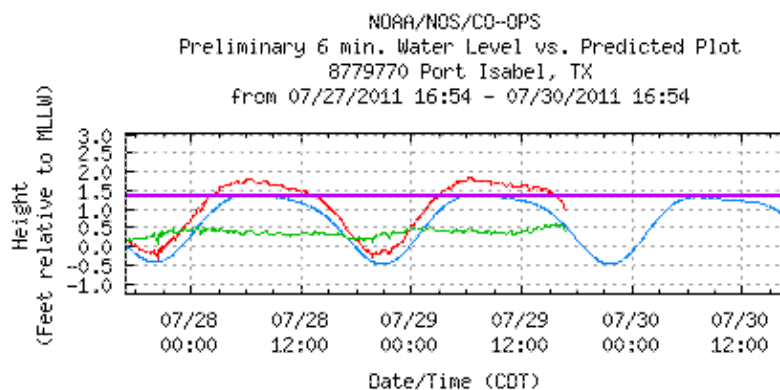
Last Observed Sample: 07/29/2011 15:00 (CDT)

Wind Speed: 0 knots **Gusts: 13 knots** **Direction: 10° T**

[Port Isabel, TX](#) - [Return to List](#)

Last Observed Sample: 07/29/2011 16:42 (CDT)
Wind Speed: 3 knots Gusts: 4 knots Direction: 254° T

[Port Isabel, TX](#) - [Return to List](#)



Last Observed Sample: 07/29/2011 16:42 (CDT)
Relative to MLLW: Observed: 0.97 ft. Predicted: 0.55 ft. Residual: 0.42 ft.
Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above MHHW

Tropical Storm DON QuickLook, POSTED 17:00 CDT 07/29/2011

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce